

Title (en)
Injection drug feeding device

Title (de)
Abgabevorrichtung für einspritzbare Medikamente

Title (fr)
Dispositif de distribution de médicaments injectables

Publication
EP 2319480 A1 20110511 (EN)

Application
EP 11152767 A 20010326

Priority

- EP 01915759 A 20010326
- JP 2000088631 A 20000328
- JP 2000274053 A 20000908
- JP 2000348566 A 20001115

Abstract (en)
On each of a plurality of disposed racks, an injection drug storing container is each detachably mounted. The injection drug storing container includes a transportation means for transporting a stored injection drug in one direction. The injection drug transported by the transportation means is housed in each housing portion formed on a circumferential portion of a rotating body one by one. The injection drug in each housing portion is sequentially delivered one by one by rotation of the rotating body.

IPC 8 full level
A61J 7/00 (2006.01); **B65D 1/09** (2006.01); **G07F 11/42** (2006.01); **G07F 11/68** (2006.01)

CPC (source: EP KR US)
B65G 59/06 (2013.01 - KR); **G07F 11/42** (2013.01 - EP US); **G07F 11/68** (2013.01 - EP US); **G07F 17/0092** (2013.01 - EP US)

Citation (applicant)

- JP H05229660 A 19930907 - YUYAMA SHOJI
- JP H08208039 A 19960813 - YUYAMA SHOJI
- JP H08258964 A 19961008 - YUYAMA SEISAKUSHO KK

Citation (search report)

- [XA] US 5800113 A 19980901 - YUYAMA SHOJI [JP], et al
- [X] US 5862942 A 19990126 - YUYAMA SHOJI [JP], et al
- [X] JP H08244890 A 19960924 - YUYAMA SEISAKUSHO KK
- [X] JP H08243146 A 19960924 - YUYAMA SEISAKUSHO KK

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1285865 A1 20030226; EP 1285865 A4 20031029; EP 1285865 B1 20130703; CA 2404418 A1 20011004; EP 2319478 A1 20110511; EP 2319479 A1 20110511; EP 2319480 A1 20110511; JP 2011116564 A 20110616; JP 2011144047 A 20110728; JP 4787450 B2 20111005; JP 5472162 B2 20140416; KR 100847404 B1 20080718; KR 20020086686 A 20021118; TW 506924 B 20021021; US 2004094386 A1 20040520; US 2005098574 A1 20050512; US 6981609 B2 20060103; US 7350667 B2 20080401; WO 0172612 A1 20011004

DOCDB simple family (application)
EP 01915759 A 20010326; CA 2404418 A 20010326; EP 11152753 A 20010326; EP 11152757 A 20010326; EP 11152767 A 20010326; JP 0102386 W 20010326; JP 2001570539 A 20010326; JP 2011047925 A 20110304; JP 2011047931 A 20110304; KR 20027012593 A 20020924; TW 90107252 A 20010327; US 23974802 A 20021210; US 96992004 A 20041022